

[Home](#) [PubMed](#) [GenBank](#) [BLAST](#)
[Sign In](#) | [My NCBI](#)

A division of the *National Library of Medicine*
at the *National Institutes of Health*

Table of Contents

[My NCBI Home](#)
[My Saved Data](#)
[Search Filters](#)
[Preferences](#)
[About My NCBI](#)

[Sign in or Register](#)
to see all of My NCBI.

Recent Activity shows searches and records for the last 8 hours.

[Register](#) or [Sign In](#) and your activity will be automatically recorded for up to 6 months and will be permanently stored in our database.

Actions:



Sort by:


☐ Select/Deselect All

 Search: [Search Recent Activity](#)

☐ Today

<input type="checkbox"/> 03-Mar-2010 8:52 PM	PubMed		(nonwoven Of
<input type="checkbox"/> 03-Mar-2010 8:48 PM	PubMed		(nonwoven Of
<input type="checkbox"/> 03-Mar-2010 8:47 PM	PubMed		nonwoven Of
<input type="checkbox"/> 03-Mar-2010 8:47 PM	PubMed		(nonwoven Of
<input type="checkbox"/> 03-Mar-2010 8:47 PM	PubMed		"Cartilage der
<input type="checkbox"/> 03-Mar-2010 8:46 PM	PubMed		"Cartilage der

[Help Desk](#) | [Copyright](#) | [Disclaimer](#) |

[Privacy](#) | [Accessibility](#) | [Contact](#)

National Center for Biotechnology Information, U.S. National
Library of Medicine
8600 Rockville Pike, Bethesda MD, 20894 USA

PubMed

Search: (nonwoven or non-woven) (scaffold or dressing or fabric)

U.S. National Library of Medicine
National Institutes of Health

Search Details

Query Translation:

```
(nonwoven[All Fields] OR non-woven[All Fields]) AND  
(scaffold[All Fields] OR ("bandages"[MeSH Terms]  
OR "bandages"[All Fields] OR "dressing"[All Fields]) OR  
("textiles"[MeSH Terms] OR "textiles"[All Fields]  
OR "fabric"[All Fields]))
```

Search URL

Result:

316

Translations:

dressing "bandages"[MeSH Terms] OR "bandages"[All Fields] OR
"dressing"[All Fields]

fabric "textiles"[MeSH Terms] OR "textiles"[All Fields] OR "fabric"[All
Fields]

Database:

PubMed

User query:

(nonwoven or non-woven) (scaffold or dressing or fabric)

PubMed

Search: (nonwoven or non-woven) (scaffold or dressing or fabric)

U.S. National Library of Medicine
National Institutes of Health

Filter your results: All (316)

[Manage Filters](#)

Display Settings: Summary, 20 per page, Sorted by Recently Added

Results: 1 to 20 of 316

1. Surveillance of workplace contamination and occupational exposure to antineoplastic agents in a hospital setting: establishment of a monitoring method using Doxorubicin.
Matsumoto K, Naito T, Hori K, Suzuki N, Miyamoto Y, Takashina Y, Ohnishi K, Kawakami J.
Yakugaku Zasshi. 2010 Mar;130(3):431-9.
PMID: 20190528 [PubMed - in process]
[Free article](#)
2. A review of the applications of the hydrofiber dressing with silver (Aquacel Ag) in wound care.
Barnea Y, Weiss J, Gur E.
Ther Clin Risk Manag. 2010 Feb 2;6:21-7.
PMID: 20169033 [PubMed - in process]
[Free article](#)
3. [Reconstruction of rabbit corneal stroma with skin fibroblasts]
Zhang YQ, Zhang WJ, Liu W, Hu XJ, Zhou GD, Cui L, Cao YL.
Zhonghua Yan Ke Za Zhi. 2009 Sep;45(9):827-33. Chinese.
PMID: 20137790 [PubMed - in process]
4. Effects of poly(lactic-co-glycolic acid) (PLGA) degradability on the apatite-forming capacity of electrospun PLGA/SiO₂-CaO nonwoven composite fabrics.
Kim IA, Rhee SH.
J Biomed Mater Res B Appl Biomater. 2010 Jan 20. [Epub ahead of print]
PMID: 20091921 [PubMed - as supplied by publisher]
5. Osteogenic differentiation of human umbilical cord mesenchymal stromal cells in polyglycolic acid scaffolds.
Wang L, Dormer NH, Bonewald L, Detamore MS.
Tissue Eng Part A. 2010 Jan 13. [Epub ahead of print]
PMID: 20070186 [PubMed - as supplied by publisher]
6. Ultrasound-induced membrane lipid peroxidation and cell damage of Escherichia coli in the presence of non-woven TiO₂ fabrics.
Rahman MM, Ninomiya K, Ogino C, Shimizu N.
Ultrason Sonochem. 2009 Dec 5. [Epub ahead of print]
PMID: 20066470 [PubMed - as supplied by publisher]
7. Putting Electrospun Nanofibers to Work for Biomedical Research.
Xie J, Li X, Xia Y.
Macromol Rapid Commun. 2008 Nov 19;29(22):1775-1792.
PMID: 20011452 [PubMed]
[Free article](#)
8. Novel membrane bioreactor (MBR) coupled with a nonwoven fabric filter for household wastewater treatment.
Ren X, Shon HK, Jang N, Lee YG, Bae M, Lee J, Cho K, Kim IS.
Water Res. 2010 Feb;44(3):751-60. Epub 2009 Oct 21.
PMID: 20094827 [PubMed - in process]
9. High-strength nitrogenous wastewater treatment in biofilm and granule anammox processes.
Kim I, Lee HH, Chung YC, Jung JY.

- Water Sci Technol. 2009;60(9):2365-71.
PMID: 19891468 [PubMed - indexed for MEDLINE]
10. Atomic layer deposition and abrupt wetting transitions on nonwoven polypropylene and woven cotton fabrics.
Hyde GK, Scarel G, Spagnola JC, Peng Q, Lee K, Gong B, Roberts KG, Roth KM, Hanson CA, Devine CK, Stewart SM, Hojo D, Na JS, Jur JS, Parsons GN.
Langmuir. 2010 Feb 16;26(4):2550-8.
PMID: 19789446 [PubMed - in process]
 11. Centrifugal seeding of mammalian cells in nonwoven fibrous matrices.
Ng R, Gurm JS, Yang ST.
Biotechnol Prog. 2010 Jan;26(1):239-45.
PMID: 19765042 [PubMed - in process]
 12. The use of a polyelectrolyte fibrous scaffold to deliver differentiated hMSCs to the liver.
Tai BC, Du C, Gao S, Wan AC, Ying JY.
Biomaterials. 2010 Jan;31(1):48-57. Epub 2009 Sep 25.
PMID: 19781786 [PubMed - indexed for MEDLINE]
 13. Optimization of Biodiesel Production Catalyzed by Fungus Cells Immobilized in Fibrous Supports.
Chen JP, Lin GH.
Appl Biochem Biotechnol. 2009 Sep 24. [Epub ahead of print]
PMID: 19777379 [PubMed - as supplied by publisher]
 14. Neovascularization induced around an artificial device implanted in the abdomen by the use of gelatinized fibroblast growth factor 2.
Yuasa T, Rivas-Carrillo JD, Navarro-Alvarez N, Soto-Gutierrez A, Kubota Y, Tabata Y, Okitsu T, Noguchi H, Matsumoto S, Nakaji S, Tanaka N, Kobayashi N.
Cell Transplant. 2009;18(5):683-8.
PMID: 19775531 [PubMed - indexed for MEDLINE]
 15. Hyaluronan benzyl ester as a scaffold for tissue engineering.
Vindigni V, Cortivo R, Iacobellis L, Abatangelo G, Zavan B.
Int J Mol Sci. 2009 Jul 3;10(7):2972-85.
PMID: 19742179 [PubMed - in process]
[Free article](#)
 16. Determination of efficacy of new hemostatic dressings in a model of extremity arterial hemorrhage in swine.
Kheirabadi BS, Scherer MR, Estep JS, Dubick MA, Holcomb JB.
J Trauma. 2009 Sep;67(3):450-9; discussion 459-60.
PMID: 19741385 [PubMed - indexed for MEDLINE]
 17. Preparation and characterization of Antheraea assama silk fibroin based novel non-woven scaffold for tissue engineering applications.
Kasaju N, Bhone RR, Bora U.
J Tissue Eng Regen Med. 2009 Oct;3(7):539-52.
PMID: 19670334 [PubMed - indexed for MEDLINE]
 18. Acoustical evaluation of carbonized and activated cotton nonwovens.
Jiang N, Chen JY, Parikh DV.
Bioresour Technol. 2009 Dec;100(24):6533-6. Epub 2009 Aug 6.
PMID: 19684919 [PubMed - indexed for MEDLINE]
 19. Conductive nanoscopic fibrous assemblies containing helical tetraethiafulvalene stacks.
Tatewaki Y, Hatanaka T, Tsunashima R, Nakamura T, Kimura M, Shirai H.
Chem Asian J. 2009 Sep 1;4(9):1474-9.
PMID: 19665167 [PubMed]

20. Nanofiber scaffolds with gradations in mineral content for mimicking the tendon-to-bone insertion site.
Li X, Xie J, Lipner J, Yuan X, Thomopoulos S, Xia Y.
Nano Lett. 2009 Jul;9(7):2763-8.
PMID: 19537797 [PubMed - indexed for MEDLINE]

PubMed

Search: (nonwoven or non-woven) (scaffold or dressing or fabric) density

U.S. National Library of Medicine
National Institutes of Health

Filter your results: All (28)

[Manage Filters](#)

Display Settings: Summary, 20 per page, Sorted by Recently Added

Results: 1 to 20 of 28

- Osteogenic differentiation of human umbilical cord mesenchymal stromal cells in polyglycolic acid scaffolds.
Wang L, Dormer NH, Bonewald L, Detamore MS.
Tissue Eng Part A. 2010 Jan 13. [Epub ahead of print]
PMID: 20170186 [PubMed - as supplied by publisher]
- Acoustical evaluation of carbonized and activated cotton nonwovens.
Jiang N, Chen JY, Parikh DV.
Bioresour Technol. 2009 Dec;100(24):6533-6. Epub 2009 Aug 6.
PMID: 19864919 [PubMed - indexed for MEDLINE]
- Architectural organization and functional features of early endothelial progenitor cells cultured in a hyaluronan-based polymer scaffold.
Pasquinelli G, Vinci MC, Gamberini C, Orrico C, Foroni L, Guarnieri C, Parenti A, Gargiulo M, Ledda F, Caldarera CM, Muscarì C.
Tissue Eng Part A. 2009 Sep;15(9):2751-62.
PMID: 19438269 [PubMed - indexed for MEDLINE]
- Neurite outgrowth on nanofiber scaffolds with different orders, structures, and surface properties.
Xie J, MacEwan MR, Li X, Sakiyama-Elbert SE, Xia Y.
ACS Nano. 2009 May 26;3(5):1151-9.
PMID: 19367333 [PubMed - indexed for MEDLINE]
- Adhesion and proliferation of human adipo-stromal cells for two- or three-dimensional poly(ethylene terephthalate) substrates with or without RGD immobilization.
Inoue S, Imamura M, Hirano Y, Tabata Y.
J Biomater Sci Polym Ed. 2009;20(5-6):721-36.
PMID: 19323898 [PubMed - indexed for MEDLINE]
- Synthesis of single crystalline spinel LiMn2O4 nanowires for a lithium ion battery with high power density.
Hosono E, Kudo T, Honma I, Matsuda H, Zhou H.
Nano Lett. 2009 Mar;9(3):1045-51.
PMID: 19208616 [PubMed - indexed for MEDLINE]
- Proliferation, osteogenic differentiation, and distribution of rat bone marrow stromal cells in nonwoven fabrics by different culture methods.
Ichinohe N, Takamoto T, Tabata Y.
Tissue Eng Part A. 2008 Jan;14(1):107-16.
PMID: 18338609 [PubMed - indexed for MEDLINE]
- Functionalization of electrospun TiO2 nanofibers with Pt nanoparticles and nanowires for catalytic applications.
Formo E, Lee E, Campbell D, Xia Y.
Nano Lett. 2008 Feb;8(2):668-72. Epub 2008 Jan 19.
PMID: 18206427 [PubMed - indexed for MEDLINE]
- [Evaluation of the protective properties of nonwoven materials for throw-away medical overalls]
Stavskii EA, Kiselev SA, Renau IV, Kul'tenko OV, Baksheeva GP, Krintsyn LA, Marchenko Vlu, Iashin VA, Stavskii KE, Chernov VI, Ruchkin AV, Poliakov AV, Klevasov AI, Kornishin SN, Sandakhchiev LS.

- Gig Sanit. 2006 Nov-Dec;(6):36-9. Russian.
PMID: 17140655 [PubMed - indexed for MEDLINE]
10. Engineering of human tracheal tissue with collagen-enforced poly-lactic-glycolic acid non-woven mesh: a preliminary study in nude mice.
Wu W, Feng X, Mao T, Feng X, Ouyang HW, Zhao G, Chen F.
Br J Oral Maxillofac Surg. 2007 Jun;45(4):272-8. Epub 2006 Nov 13.
PMID: 17097777 [PubMed - indexed for MEDLINE]
 11. Continuing differentiation of human mesenchymal stem cells and induced chondrogenic and osteogenic lineages in electrospun PLGA nanofiber scaffold.
Xin X, Hussain M, Mao JJ.
Biomaterials. 2007 Jan;28(2):316-25. Epub 2006 Sep 28.
PMID: 17010425 [PubMed - indexed for MEDLINE]
 12. Localization of type VI collagen in tissue-engineered cartilage on polymer scaffolds.
Fraser SA, Crawford A, Frazer A, Dickinson S, Hollander AP, Brook IM, Hatton PV.
Tissue Eng. 2006 Mar;12(3):569-77.
PMID: 16576990 [PubMed - indexed for MEDLINE]
 13. Effects of initial cell seeding density for the tissue engineering of the temporomandibular joint disc.
Almaraz AJ, Athanasiou KA.
Ann Biomed Eng. 2005 Jul;33(7):943-50.
PMID: 16065535 [PubMed - indexed for MEDLINE]
 14. Dual properties of the deacetylated sites in chitosan for molecular immobilization and biofunctional effects.
Liao JD, Lin SP, Wu YT.
Biomacromolecules. 2005 Jan-Feb;6(1):392-9.
PMID: 15839544 [PubMed - indexed for MEDLINE]
 15. Hydrophilic monolayer formation of adsorbed cationic starch and cationic hydroxyethyl cellulose derivatives on polyester surfaces.
Roos P, Westling A, Chronakis IS.
Biosci Biotechnol Biochem. 2004 Nov;68(11):2247-56.
PMID: 15564661 [PubMed - indexed for MEDLINE]
[Free article](#)
 16. Surface properties and in vitro analyses of immobilized chitosan onto polypropylene non-woven fabric surface using antenna-coupling microwave plasma.
Tyan YC, Liao JD, Lin SP.
J Mater Sci Mater Med. 2003 Sep;14(9):775-81.
PMID: 15348397 [PubMed]
 17. Incorporation and controlled release of a hydrophilic antibiotic using poly(lactide-co-glycolide)-based electrospun nanofibrous scaffolds.
Kim K, Luu YK, Chang C, Fang D, Hsiao BS, Chu B, Hadjiargyrou M.
J Control Release. 2004 Jul 23;98(1):47-56.
PMID: 15245688 [PubMed - indexed for MEDLINE]
 18. A novel hyaluronan-based biomaterial (Hyaff-11) as a scaffold for endothelial cells in tissue engineered vascular grafts.
Turner NJ, Kiely CM, Walker MG, Canfield AE.
Biomaterials. 2004 Dec;25(28):5955-64.
PMID: 15193610 [PubMed - indexed for MEDLINE]
 19. Control of degradation rate and hydrophilicity in electrospun non-woven poly(D,L-lactide) nanofiber scaffolds for biomedical applications.
Kim K, Yu M, Zong X, Chiu J, Fang D, Seo YS, Hsiao BS, Chu B, Hadjiargyrou M.

Biomaterials. 2003 Dec;24(27):4977-85.

PMID: 14559611 [PubMed - indexed for MEDLINE]

20. Platelet compatible blood filtration fabrics using a phosphorylcholine polymer having high surface mobility
Iwasaki Y, Yamasaki A, Ishihara K.

Biomaterials. 2003 Sep;24(20):3599-604.

PMID: 12606789 [PubMed - indexed for MEDLINE]